1-1415020-1 ✔ ACTIVE

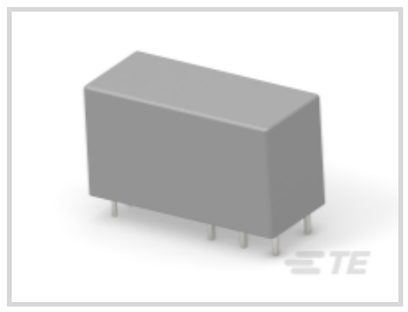
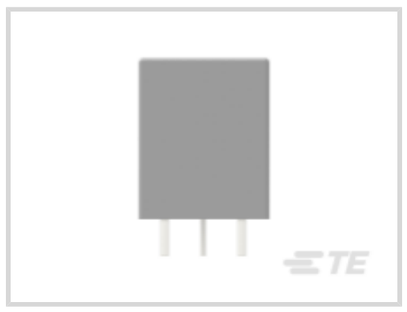
SCHRACK | SCHRACK Power PCB Relay RT2

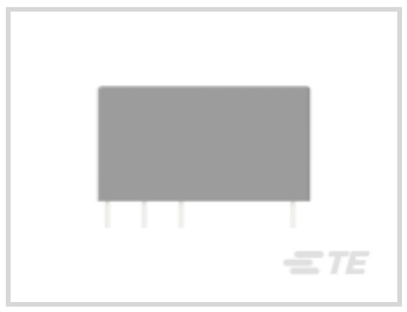
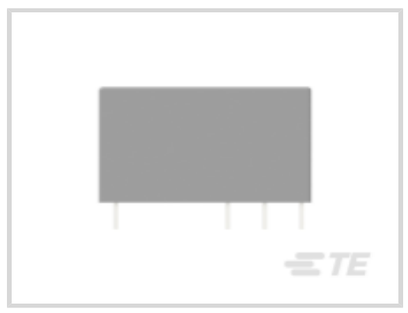
TE Internal #: 1-1415020-1

Power Relays, Standard, Bistable, 2 Coils, Polarized, 655 mW Coil Power Rating DC, 55 Ω Coil Resistance, SCHRACK Power PCB Relay RT2

View on TE.com >

Relays, Contactors & Switches > Relays > Power Relays

Power Relay Type: **Standard**

Coil Magnetic System: **Bistable, 2 Coils, Polarized**

Coil Power Rating DC: **655 mW**

Coil Resistance: **55 Ω**

Coil Special Features: **UL Coil Insulation Class F**

Features

Product Type Features

Power Relay Type	Standard

Electrical Characteristics

Insulation Initial Dielectric Between Coil & Contact Class	4000 V
Insulation Initial Dielectric Between Open Contacts	1000 Vrms
Contact Limiting Making Current	15 A
Contact Limiting Short-Time Current	8 A
Contact Limiting Continuous Current	8 A
Insulation Creepage Class	8 mm
Coil Power Rating Class	600 – 800 mW
Insulation Initial Dielectric Between Adjacent Contacts	2500 Vrms
Insulation Initial Dielectric Between Contacts & Coil	5000 Vrms
Insulation Creepage Between Contact & Coil	10 mm[.394 in]
Contact Limiting Breaking Current	8 A
Coil Magnetic System	Bistable, 2 Coils, Polarized

Coil Power Rating DC	655 mW
Coil Resistance	55 Ω
Coil Special Features	UL Coil Insulation Class F
Coil Voltage Rating	6 VDC
Contact Switching Voltage (Max)	400 VAC
Contact Voltage Rating	250 VAC

Body Features

Insulation Special Features	Tracking Index of Relay Base PTI250
Product Weight	13 g[.459 oz]

Contact Features

Contact Arrangement	2 Form C (CO)
Contact Current Class	5 – 10 A, 16 A
Contact Current Rating (Max)	8 A
Contact Material	AgNi90/10
Contact Number of Poles	2
Relay Terminal Type	PCB-THT, Plug-In

Mechanical Attachment

Relay Mounting Type	Printed Circuit Board, Socket

Dimensions

Length Class (Mechanical)	25 – 30 mm
Insulation Clearance Class	8 mm
Height Class (Mechanical)	15 – 16 mm
Insulation Clearance Between Contact & Coil	10 mm[.394 in]
Width Class (Mechanical)	12 – 16 mm
Product Width	12.7 mm[.5 in]
Product Length	29 mm[1.142 in]
Product Height	15.7 mm[.618 in]

Usage Conditions

Environmental Ambient Temperature Class	70 – 85 °C
Environmental Ambient Temperature (Max)	85 °C[185 °F]

Packaging Features

Packaging Method	Box & Tube, Tube

Product Compliance

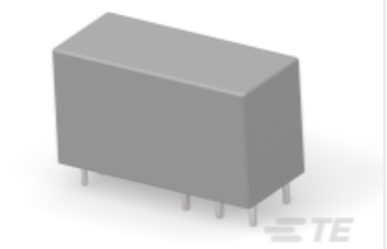
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed for solder process capability

Product Compliance Disclaimer

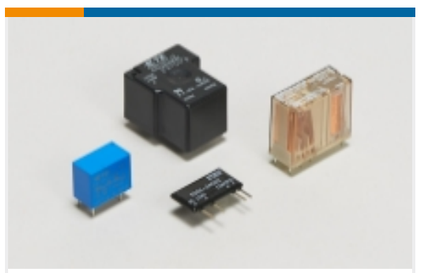
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

Compatible Parts



TE Part # 7-1415072-1
RTE24F12

Also in the Series | SCHRACK Power PCB Relay RT2

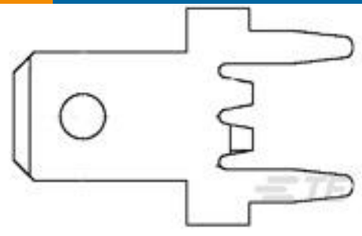


Power Relays(113)

Customers Also Bought

TE Part #2-1734592-0
FPC CONN. 0.5MM PITCH B/C, 20P

TE Part #6364372-2
Std USB Type A, R/A, T/H, Natural



TE Part #1217133-1
187 FASTON,PCB TAB,TNBR

TE Part #9-1879061-9
CPF0402 120K 0.1% 25PPM 5K RL

TE Part #5-2176088-4
RP 1J 0.166W 3K16 0.1% 25PPM 1K RL

Documents

CAD Files

Customer View Model
ENG_CVM_CVM_1-1415020-1_D.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_1-1415020-1_D.3d_stp.zip

English

Customer View Model
ENG_CVM_CVM_1-1415020-1_D.2d_dxf.zip

English

3D PDF

3D

Datasheets & Catalog Pages

Power PCB Relay RT2 bistable

English

Product Specifications

Definitions General Purpose Relays

English

Agency Approvals

VDE Certificate

English